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TI - EL DISPLAY ELEMENT
IN - SHIMIZU YOSHINORI
PA - NICHIA KAGAKU KOGYO KK
IC - G09F13/22 ; H05B33/14

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TI - EL display element with low power consumption - has pattern etched photosensitive resin layer on layer between back electrode and transparent electrode NoAbstract

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AB - PURPOSE: To make only necessary irreducible parts illuminate and to reduce the power consumption by forming a pattern etched photosensitive resin layer between a back electrode and a transparent electrode.

- CONSTITUTION: The EL display element is constituted by laminating the back electrode 1, a reflective insulating layer 2, a fluorescent material film 3, the pattern etched photosensitive resin layer 4, and the transparent electrode 5 in order. When the EL display element illuminates, a current becomes hard to flow since the pattern etched photosensitive resin layer 4 is small in dielectric constant, so the layer does not illuminate and other parts are in the same structure with the EL display element therefore illuminates as bright parts to display characters, patterns, etc.

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